[illegible]

[illegible]-[illegible] [illegible] [illegible]

[illegible] [illegible] [illegible]?

* [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
* [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [

[illegible] 8 - [illegible]: [illegible]

⚠ [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] **(**[illegible]**)** [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible], [illegible] [illegible] [illegible], [illegible] [illegible] [illegible], [illegible] **شديد** [illegible] [illegible] [illegible] [illegible] [illegible] **102** [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible]

[illegible] - [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]:

[illegible]	[illegible] [illegible] [illegible] [illegible]	[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible]	[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

⚠ [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]: [illegible] [illegible] [illegible]— [illegible] [illegible] [illegible] ([illegible] [illegible] [illegible]) [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

⚠ [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]: [illegible], [illegible] [illegible], [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] — [illegible]?

[illegible] - [illegible]

[illegible]: [illegible] (DAT), [illegible] (SERT) [illegible] (NET) [illegible], [illegible] -- [illegible], [illegible], [illegible] [illegible]

[illegible], [illegible] —[illegible]: [illegible] ([illegible]), [illegible] ([illegible]), [illegible] ([illegible])[illegible], [illegible] "[illegible]" [illegible]-[illegible]

[illegible]

[illegible]	[illegible]	[illegible]: * [illegible] (Recovery Kernel) * [illegible] (Naloxone) * COMT * DRD2 * MTHFR * [illegible] (Blueprint) * findahelpline.com
[illegible] (DAT [illegible])	[illegible]—[illegible]: [illegible], [illegible]-[illegible] ([illegible]) [illegible] D2 [illegible]	D2 [illegible] BDNF [illegible] ([illegible])[illegible], [illegible]-[illegible] D2 deficit [illegible]— [illegible]
[illegible] (SERT [illegible])[illegible]	[illegible]: [illegible]—	[illegible]-HTP [illegible]-MTHF [illegible]

	[illegible] [illegible] [illegible] [illegible], [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]	[illegible] [illegible], [illegible] [illegible] [illegible] (MRI)[illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [

			[illegible]
[illegible]	[illegible]/[illegible] [illegible] ([illegible]) [illegible]	[illegible]-[illegible] [illegible]/ [illegible]+ [illegible]	[illegible] ([illegible]) [illegible]
[illegible]	[illegible]	[illegible], [illegible]	[illegible]— [illegible], [illegible], [illegible], [illegible]

[illegible]—[illegible]

[illegible] - [illegible]

[illegible]: [illegible] "[illegible]" [illegible] COMT [illegible], [illegible] COMT (Val/Val) [illegible], [illegible]—[illegible], [illegible], [illegible]—[illegible]

[illegible]-[illegible]—[illegible], [illegible], [illegible]

[illegible], [illegible]

[illegible]: "[illegible]" [illegible], [illegible], [illegible]—[illegible]? [illegible]

[illegible] [illegible] - [illegible] [illegible] [illegible]

[illegible] "[illegible]" COMT (Val/Val) [illegible], [illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]
COMT	[illegible], [illegible], [illegible]— [illegible]	Val158Met (rs4680) — Val/Val ([illegible]) [illegible]	[illegible] – [illegible] Val/Val ([illegible]) [illegible] COMT [illegible]: [illegible] → [illegible] → [illegible], [illegible] Val/Val [illegible]: [illegible]-[illegible] quiet [illegible], [illegible]
DAT1 / SLC6A3	[illegible] —[illegible]	10-[illegible] VNTR [illegible] (rs28363170)	[illegible] DAT1 [illegible] DAT [illegible]—[illegible] DAT [illegible] ([illegible]-[illegible]), [illegible], [illegible] DAT [illegible], [illegible]

			[illegible] DAT [illegible] ADHD [illegible] —DAT1 [illegible]-[illegible] ADHD [illegible], [illegible] ADHD [illegible]-[illegible]
DRD2 / ANKK1	[illegible] —[illegible], [illegible] "[illegible]" [illegible]	Taq1A (rs1800497) — A1 [illegible]	A1 [illegible] ([illegible] D2 [illegible]) [illegible]— [illegible] "[illegible]" [illegible] Val/Val COMT ([illegible]) [illegible] D2 [illegible], [illegible]— [illegible]
SLC6A4 / 5-HTTLPR	[illegible] — [illegible]	[illegible]/[illegible], [illegible]/[illegible], [illegible]	[illegible] SERT—[illegible] SLC6A4 [illegible]/[illegible] ([illegible] SERT [illegible]) [illegible]—[illegible], [illegible]
MTHFR	[illegible] - [illegible]	C677T (rs1801133), A1298C (rs1801131)	MTHFR [illegible]—[illegible] DAT1/COMT/DRD2 [illegible], [illegible] 5-MTHF [illegible] MTHFR [illegible], [illegible], [illegible], [illegible]
DRD4	[illegible]	[illegible]-[illegible] (rs1800955)	DRD4 [illegible],

	[illegible], [illegible], [illegible]		[illegible], [illegible] ADHD [illegible] DRD4 [illegible], Val/Val COMT, [illegible] DRD2 A1 [illegible] present [illegible], "[illegible]" [illegible], [illegible], [illegible]—[illegible]
CYP3A4	[illegible]	[illegible]	CYP3A4 [illegible] CYP3A4 [illegible] ([illegible], [illegible], [illegible]) [illegible]-[illegible] CYP3A4 [illegible]: [illegible]—[illegible]
BDNF	[illegible] – [illegible]	Val66Met (rs6265)	[illegible] BDNF [illegible]— [illegible] Met [illegible] BDNF [illegible], [illegible] BDNF [illegible] Met [illegible], [illegible] BDNF [illegible], [illegible]

[illegible], [illegible]

[illegible], [illegible] "[illegible]" [illegible]:

- [illegible], [illegible], [illegible]—[illegible], [illegible]? → [illegible] "[illegible]" [illegible], [illegible] "[illegible] COMT (Val/Val)" [illegible]
- [illegible]—[illegible], [illegible], [illegible]—[illegible]

□□□□□□□□□, □ □□□□ □□□□□□□ □□□□□□□ □□□□□□□□□□□ □□□□□□ □□□□□ □□□□□□□□? → □□□□□□□□□□□□ □□□ □□□□□□ □□□ □□□□□ SLC6A4 □□ □□□□ □□□□□□□□ □□□□□□□□□□□□□ □□□□□ □□□□□ □□□□□ □□□□□□□ □□□□□□□□ □□□□□□□□ □□□□ □□□□□□

- □□ □□□□□□□ □□□□□ □□□□□ □□□□□□□ □□□□□□□□ □□□□□ □□□□□ □□□□□□□□, □□□□ □□□□□ □□□□□□□□ □□□□□□□□□□□□? → □□□□□□□ DAT1 □□-□□□□□□ + DRD2 A1 □□□ — □□□□ □□□□□□□□□ □□□□ □□□□□□ □□□□□□□□□□□□□□□ □□□□ □□□□□ □□□□□□□□ □□□, □□□ □□□□□□□ □□□□□□□ □□□□□
- □□ □□□□□□□ □□□□□□□ (ADHD) □□□□ □□□□□ □□□□□□ □, □□ □□□□□□□ □□□□□□ □□□□ □? → DAT1 10-repeat + DRD4 7-repeat □□ □□□□□□□□ □□□□□□□ DAT □□□ □□□□□□□ □□□□, □□□ □□□□□□□□□□□□□□ □□□□□□□□ □□□□□□□□□□□□ □□□□□□ □□ □□□□□□□□ □□□□□□□□□ □□□□□□□□ □□ □□□□□ □□□□□□ □□□ □□□□□
- "□□□□ □□□□□□ □□□□□□, □□ □□□□ '□□□□' □□□□□□□—□□□□□ □□ □□□□□ □□□ □□□□□□ □□□□□□□□, □□□□ □□□—□□ □□□□□□□ Val/Val COMT □□□□□□□□□□□□ □□□□□ □□□ □□ '□□□□' □□□□□□ □□□□□□ □□□□□□□□ □□□□□□ □□□□ □□□ □□□□□□ □□□□□□□□□□□ □□□□□ □□□□□□ □□□ □□ □□□□□□□□ □□ □□ □□□□□ □□□ □□ □□□□□□□□ □□□□ □□□□□□□ □□□□□□□□ □□□□□□ □□□"

□□□□ □ - □□□□□□□ □□□□□□□□

□ □□□□□□□□□□ - □□□□□□□□□□ □□□□□ □□□□□ □□ □□□□□□□□□□□□ □□□□ □□□□ □□

□□□□□ □□□□□□□□ □□□□□□□ □ □□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□ □□□□□ □□□□□□□ □□□□□ □□□□ □□□□□□□ □□□□ □□□□□ □□□□□ □□□□□□□□□□ □□□□ □□□□□□□□□□ □□□□ □□□ □□□□ □□□□□□□ □□□□ □□□□□□□□ □□□□□□ □□□□□□ □□□□□: □□ □□□□□□□□□□□ □□□□□□□□□□□ □□□ □□□□□□□, □□□ □□□□□□□ □□□□□ □□□□□□□ □□□□□□□□ □□□□ □ □□ □□□□□ □□□□□ □□□□ □□

□□ □□□□□□□□ □□□□□□□ □□□□□□□□ □□□□□□□□ □□□□□ □□□□□□□□□ □□□□□□□□□ □□□□□□ □□□□□ □□□□□ □□□□□: □□□□ □□ □□□□□ □□□□□□□□ □□□□□□ □□□□ □□□ □□□□□ □□□□□□□, □ □□□□ □□□ □□□□ □□ □□□□□□ □□□□□□□ □□□□□□□□□□ □□□□□□□ □□□□□ □□□□□□□ □□□□□ □□□□□□ □□□□□□ □□-□□ BPM (□□□□□ □□□□□ □□□□), □□□□ □□, □ □□□□ □□ □□□□□ □□□□□ □□□□□□ □□□□□—□□□□□□ □□□□□□□□□□ □□□□□□ □□□□□□□ □□□□□ □□□□□□□□ □□□□□□□□□□ □□□□□□ □□□□, □□□□□□□□ □□□□ □□□□□

□□□□□ □□□□□ □□□□□□□ □□□□□ □□□□□□□□□□ □□□□□ □□□□□□ □□□□□□, □□ □□□□ □□□□□□ □□□□□ □□□□ □□□□□ □□□□□□ □□ □□□□□□ □□□□□□ □□□□□ □□ □□□□□□□□□□ □□□□□□□ □□□ □□□□□□ □□□□□□□□ □□□□□□□□□□□□□□□□□□ □□□□□□□□ □□□□□□ □□□□□□□ □□□□□□ □□□□□□ □□□□□□□

□□□□□□□□ □□□□□□□□

□□□	□□□ □□□□□□□	□□□□□□□□□	□□ □□□□□□□□□□?
□□□□□□□□ (□□□□□□□□□□□ □ □□ □□□□□□□□□□)□	□□□□□□□□, □□□□□□□□□□, □ □□□□□□□□□□□□□□□□ □□□□□□ □□□□□; □□□ □□□□□□□□□□□ □□ □□□□□; □□□□ □□□□□□□ □□□□□□□ □□□□□□; □□□□□ □□□□ □□□□□	□□□□□ □□□□ □ □□□□□□□ □□□□□□, شديد □□□□□□□□ □ □□□□□□□□□□, □□□□□□□ □□□ (□□□□□ □□□□ □ □□□□□□□□□□□□□□□□ □□□□), □□□□□□□□ □□□□□□, □□□□ □□□□□□□□□ □□□□□□□□	□□□□□□□□□□ □□□□□□□□□ □□□□ □□□□□□□□□□ □□□□□□□□ 01 □□□□□□□□□□ □□□□□□□□□□ □□ □□□□□□□□□□ □□□□□ □□□ □□□□—□□ □□□□□□□□□□□□□□ □□□□□□□ □□□ □□□□□□□ □□□□□□ □□□□□□ □□□ □□, □□□ □□□□□ □□□□□□□ □□□□□□□ □□□□□□ □□□□□ □□□□□□ □□□□□□□ □□□□□□□ □□□□□□□□□□
□ □□□□□□□ (□□□ □-□)	□□□□□□□□ □□□□□□□□□ □□□□□ □ □□□□□□□ □□□□□; □□□□ □□□ □□□□□□□□□□□□□ □□□: □□□□□□□□□□; □□□□□ □□□□□□ □□□□□ □□□□□□□□□□□□□; □□□□□□□□ □□□ □□□□	□□□□□□□□□□□□ □□□□□: □□□□□□□ □□□□□□□□, □□□□□ □□□□□, □□□□□□□□□□□□ □□□□□□□□ □□□□□—□□ □□□□□□ □□□□□□□□ □□□□□ □□□□ "□ □□□□□□□□ □□□□ □□□□□□□ □□□□□□□□□□□□"□	□□□□□□□□□ □□□□□□□□ □□□□□ □□□□□□□□□□ □□ □□□□ □□□□□ □□□□□ □□, □□□□□□□ □□□□□ □□□□□ □□□□ □□□□□, □□□□□□□□ □□□□□□□□□□□, □□□□□ □□□□□□□□□□ □□□ □□□□□ □□□□□ □□ □□□□□□□ □□□□□□□□□□□□□□□□ □□□□ □□□□□, □□□□□□□□□□ □□□□□□□□ □□□□□□□□ □□□□ □ □□□□□ □□□□ □□□□□ □□□□□ □□□□□□□ □□□□

			[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] (в [illegible] [illegible] [illegible])[illegible]	DRD2 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible]; [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

PAWS [illegible]

⚠ [illegible] [illegible] [illegible] "[illegible] [illegible]" [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]—[illegible] [illegible], [illegible], [illegible], [illegible] [illegible] "[illegible] [illegible]" [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] 4 — [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]: [illegible] ([illegible] [illegible] [illegible]), [illegible] ([illegible] [illegible] [illegible] [illegible]), [illegible] [illegible] [illegible] [illegible] [illegible]

P5P ([illegible] B6)	[illegible]–[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible] [illegible] [illegible] (DOPA [illegible]), [illegible] [illegible] [illegible] [illegible] ([illegible] [illegible] [illegible] [illegible]), [illegible] [illegible] [illegible] [illegible] (P5P-[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]-5-[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible]	[illegible]-[illegible] [illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible], [illegible] [illegible], [illegible]-[illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]	[illegible]	[illegible]	[illegible] [illegible] [illegible] [illegible]
[illegible]-[illegible]	[illegible]-[illegible] [illegible] [illegible]	[illegible], [illegible] [illegible]	[illegible] [illegible] [illegible] [illegible] [illegible] "[illegible]" [illegible] [illegible] COMT [illegible] [illegible] [illegible] [illegible] [illegible]

			[illegible] [illegible] [illegible] [illegible]
NAC (N-[illegible] [illegible])	[illegible]-[illegible] [illegible] [illegible] [illegible] [illegible]	[illegible] [illegible] [illegible]	[illegible] [illegible] [illegible] [illegible]

			□ □□□□□□□□□□ □□□□□ - □□□□□□□□ □□□□□□ □□□□□□ □□□□□□□□□□□□□□ □□□□□□□□□□ □□□□□□□ □□□□□□ □□□□□□□□□□ □□□□□□ □□□□□□□□□□□□□□ □□□□□□ - □□□□□□□ □-HTP □□□ □□□□□ □□□□□□□ □-□ □□□□□□□□□□□□□□ □□□□□□□□□□ □□□□□□ □□□□□□ □□□□□□□ SSRI □□□□□□□ □□□□□□ □□□□□□□□□□ □□□□□□□ □□□□□ □□□□□□□□ □□□□□□□□
□□-□□□□□□□□□□□□	500–2000 □□□□□□□□	□□□□, □□□□□□□□□□□□□ □□□□□	5-HTP □□ □□□□□□□□□ □□ □□□□□: □□ □□□□□ □□□□□□□□□ □□□□ □□□□□ □ □□□□□ □□□□□□□ □□□□□-□□□□□ □□□□□□□□□□ □□□□□ □□□□□□□□□□□ □□□□□□□□□□□ □ □□ □□□□□□□□□ 5-HTP □□□□□□□ □□□□□, □□□□□ □□□□□□ □□□□□□□□□□ □□□□ □□□□ □□□□□□□□□ □□□□□□□□□□□□ □□□□□□□□□□□□□□ □□□□□□ □□□□□□□ □□ □□□□□ □□□□□□□□ □□□□□□□□ □□□□□□□□ □□□□ □□□□□ □□□□□□□□□□□□
□□□□□□□□□□	□-□□ □□□□□□ □□□□□□ (□□□□□□ □□□□□□□□ □□□□□□□□□□)□	□□□□□□□ □□□□□□□□□□	□□ □□□□□□□□□□ □□□□□□□□□□□□ □□□□□□□□□□□□□□□ □□□□□□ □□□□□□ □□□□□ □□□□□□□ □ □□□□□□□ □□□□□□ (OCD) □□ □□□□ □□□□□□□□□□ □□□□—□□ □□□□□ □□□□□□□□ □□□□□ □□□□□ □□□□□□□□□ □□□□□□ □□□□□□□ □□□□□□□□ □□□□□□□□□□□□□□ □□□□□□□□, □□□□□□ □□□□□□□□□ □□□□ □□□□□□□□ □□□□□□□□□ □□□□□□□□ □□□□□□□□ □□□□□□□ □ □□□□□□□ □□□□□□□□, □□□□□□□□□□□ □□□□□□□□□□ □□□□□□□□□ □□□□□□□□□ □□□□□ □□□□□□ □□□□□ □□□□ □□□□□□
□□□□□□-3 □□ EPA □□ □□□□□□□ □□□□□	□-□ □□□□□□ □□□□□□ (EPA > DHA)	□□□□□□ □□□□□□□, □□□□□□□	EPA □□□□□□ □□□□□□-3 □□ □□□ (mood) □ □□□□□□□□□□□ □□□□□ □□□□□□□□ □□□□□□ □□□□□□□ □—□□ □□□□□□ □□□□□□□□□ □□□□□ □□□□□ □□□□□□□□□□□□□□ □□□□□□□□□□□□□ □□ □□□□□ □□□□□□ □□□□□□ DHA □□ □□□□□□□□□ □□□□□□□□□ □□□□□ □□□□□□□□□ □□□□□□□□□ □□□□□□□ □□□□□□ □□□□□ EPA:DHA □□□□□□□ □□□□□□□□□□□□□□ □□□□□□: □:□ □□ □:□ EPA:DHA □□□□□□□ □□□□□□□□□□□ □□□□□□□□□□□ □□□□□ □□□□□□□□□□ □□□□□□ □□□□□□□□□□ □□□□□□□ □□

4.4 — □□□□□□□□□□ □□□□□□□

□ □□□□□□□□□□□□ - □□□□□□ □□□□□□□□□ □□□□□□□□□ □□□□□□□□□ □□□□□□□□ □□ □□□□□□ □□□□□□□□ □□□□□□

[illegible]: [illegible] ([illegible]) [illegible], [illegible] ADHD [illegible], [illegible] ADHD [illegible]-[illegible]—[illegible] ADHD [illegible], [illegible] '[illegible]' [illegible]

DAT1 [illegible]-[illegible] DRD4 [illegible]-[illegible]—[illegible]—[illegible], [illegible]

[illegible], [illegible], [illegible]—[illegible], [illegible], [illegible], ADHD (Attention Deficit Hyperactivity Disorder) [illegible]-[illegible] ADHD [illegible] (Strattera/atomoxetine, Wellbutrin/bupropion, Intuniv/guanfacine) [illegible] ADHD [illegible]

[illegible].[illegible] — [illegible] — [illegible], [illegible], [illegible]

[illegible] - [illegible]

[illegible] ([illegible]): [illegible], [illegible], [illegible], [illegible], [illegible] ([illegible], [illegible], [illegible]) [illegible] (NeilMed [illegible] neti pot) [illegible], [illegible]; [illegible] ([illegible]) [illegible]

[illegible]: [illegible], [illegible]: [illegible]; [illegible]; [illegible] ([illegible]) [illegible], [illegible]

[illegible]: [illegible] (IV cocaine users): [illegible], [illegible], [illegible], [illegible] (heart murmur) [illegible], [illegible], [illegible]

□□□□□□□□ □□□ **(STI)** □□ □□□□□□□ □□□□□□□□□□ (□□□□□□□□ □□□□□□□ □ □□□ □□□□□□□ □□□□□□□□□ □□□□□□ □□□□ □□□□ □□□□□□□□ □)□

□□□□□□□□□□□□ □□□□□□□□**:** □□□□□□□□□ □□□□□□□ □□□□□□ □□□□□ □□□□□ **(CBC)** □□□□□□□□□□□ □□□□ □□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□ □□□□□□ □□□□□□□□ **(**□□□□□□ □□□□□□**,** □□□□□□ □□□□**,** □□□□□□□□ □□□□□ □□□□□□□□□**)** □□□□**—**□□□□□□□ □□□□□□□□□ □□□□□□□ □□□□□□□□□□ □ □ □ □□□□□□□□□ **CBC** □□□□□□□□□□□□□□□□□□□

□.□ — □□□□□□□ □□□□□□□□□□□□□□

□□□□□□ □ □□□□□□□□□□ □□□□□ □□□□□□ □□□□□□□□ □: □□□□□□□□ □□□□□□□ □□□□□□□□□ □□□□□ □□□□□ □□□□□□□ □□□□□□ □□□□□□□ □□□□□ □□□□□ (□□□□□ □□□□□□□□□□□□□□□ □□□□□□□□□□□ □□□□□□□ □□□□□□), □□□□□□□□ "□□□□□□□□" □□□□□ □□□□□□□ □□□□□□□□ □□□□□□□ □□□□□□□ □□□□□□ (□□□□□□□ □□□□□□□□ □□□□□□□□□□□□□□□ □□□□□□□□□)□ □□□□□□□ □□□□□□ □□□□□□□ □□□□□ "□□□□□□□□" □□□□□ □□□□□□□ □□□□□□□ □□□□□□□□□□ □□□□□□□□ □□□□□ □□□□□, □□□□ □□□□□□□ □□□□□ □□□□□ □□□□□□□□□□ □□□□ □□□□□ □□□□ □□□□□□

- □□□□□□□□□□: □.□–□ □□□□□□□, □□□□□□□□□□□ □□□□□□□ □□□□□□□□□, □□□□□□□ □□□□□□□ □□□□□□□□□ □□–□□ □□□□□□ □□□□□□ □□□□□□ □□□□□□□ □□□□□□□□□□ □□ (□□□□□□□□□□ □□□□□) □□□□□□□□□ "□□□□□□-□□□□□□□□" □□□□□□□ □□□□□□□□□□ □□□□□□—□□□ □□□□□□ □□□□□□□□□□ □□□□□□□ □□□□□□ □□□□□□□□□□□□□ □□□□□ □□□□□□ □□□□□□
- □□□□□□□□□□□□□ □□□□□□□□□□□: □□□ □□□□□□□□□□, □□□□□□□ □□□□□□ □□□□□□ □□□□□ □□□□□□□ □ □□□□□□□□ □□□□□□ □□□□□□□□□ □□□ □□□□ □□□□□□□ □□□□□□□□ □□□□□□□ □□□□□□□
- □□□□□□□□□: □-□ □□□□□□, □□□□□□□□□□□□ □□ □□□□□□ □□□□□□□ □□□□□ □□□□□□□ □□□□□□ □□□□□□□□□□ □□□□□□□ □ NMDA □□ □□-□□□□□□ □□□□□□ □□□□□ □□□□□□□□□ □□□□□□□□□□ □□□□□□□ □□□□□□□
- 5-HTP: □□□□□□□ □□□□□□ 50-100 □□□□□□□□ □□□□□□□□□□ □□□□□□□□□□□□□□□□ □□□□□□□ □□□□□ □□□□□ □ REM □□□□□□□□ □□□□□□□ □□□□□□□
- □□□□□□ □□□□□ □□□□□□□□□□□□□□□: □□□□ □□□□□□□, □□□□□□□ □□□□□□□ □□□□□□□□□□□ □□□□□□□□□□ □□□□□□; □□□□□□-□□□□□□□□□□□□□□□□
- □□-□□□□□□□□: □□□□□□□ □□□□□□ □□□□ □□□□□□□□ □□□□□ □□□□□□□□□ □□□□□□ □□□□□□□□□ □□□□□ □□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□ □□ □□□□□ □ □□□□□□□ □□□□ □□□□□□ □□□□□□□

□□ □□□□□□□□□□□ □□□□□□□□ □□□□□□□ □□□□ □□□□□□□ □□□□□ □□□□□□□□□□□ □□□□□ □□□□□□ □□□□□□□ □□□□□□ □□□□□: □□□□□□□□□ □□□□□ □□□□□□□ □□□□□□□□ □□□□□□ (0.5–4 Hz); □□□□□□□ 60–70 BPM; □□□□□□□□□, □□□□□□, □□□□□□□□□□ □□□□□□□□□ □□□□□ □□□□□□ □□□□□□□□□ □□ □□□□□□ □□□□□ □□□□□□□□□□ □□□□□ □□□□□□□□ □□ □□□□□□□ □□□□□□□□□□□□□□ □□□□□□ □□□□ □□□□□□□□ □□□□□□□□□□□□□□ □□□□□□ □□□□□□□□□ □□□□□□□□ □□□□□□□□ □□□□□ □□□□□□□ □□□□ □□□□□□

4.7 — □□□□□□□□□ □□□□□□□ □□□□□

□□□□□□□□□	□□□□□□ □□□□□□□□□ □□□□□□□	□□□□□	□□□□□□ □□□□ □□□□□□□

BPC-157	[illegible]	[illegible]	BPC-157 [illegible]
[illegible]	BDNF [illegible]	[illegible]	[illegible] BDNF [illegible] [illegible]
[illegible]	[illegible]	[illegible]	[illegible]

[illegible]	[illegible]; [illegible]; [illegible]; [illegible]; [illegible]	[illegible] [illegible]	[illegible] [illegible] [illegible]

[illegible] 6 - [illegible] [illegible] - [illegible] 6 [illegible] [illegible]

[illegible] 6 [illegible] - [illegible] [illegible] [illegible] [illegible] [illegible] 6 [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] 6 [illegible]-[illegible] [illegible] [illegible] [illegible] [illegible] [

		[illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] ([illegible])[illegible]	[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]: "[illegible] [illegible] [illegible]" [illegible] [illegible] [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [

1. [illegible]
2. [illegible]
3. [illegible]
4. NAC [illegible]
5. [illegible]
6. [illegible]
7. [illegible]

[illegible] 6 - [illegible] [illegible]: [illegible] [illegible] [illegible] [illegible]

[illegible] - [illegible] [illegible] [illegible] - [illegible] [illegible] [illegible]

[illegible] "[illegible]" [illegible] [illegible] [illegible]

[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

	[illegible] [illegible] [illegible] [illegible]	[illegible]	[illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible]

□□□□ □ — □□□□□□ □□□□□□□□ □□□□□□□□□ □□□□□ □□□□□ □□□□□: □□□□□□□ □□□□□□□□ □□□□□□□□□□□□

□□□	□□□□□□□□□□□□□□□	□□□□□□□□□ □□□□□□	□□□□□□□□ □□□□□□ □□□□□ □□□□□□□□
□□□□□□□□□□ □□□□□□□□□□ (□-□ □□□)	□□□□□□□□□, □□□□□□□ □□□□□ □□□□ □□□ □□□□□□□□□, □□□□□□ □□□□□□□ □□□□ (□□□, □□□, □□□□□) □□□□□□□□□, □□□□□□□ □□□ □□□□□□□□□□	□□□□ □□□□□□□□; □□□□□□□□□□□□ □□□□ □□□□□ □□□□ □□□□ (CBC); □□□□□ □□□□; □□□ □□□□□□□□ □□□ (STI)/□□□□□□□/□□□□□□□ □□□□□□□□; □□□ □□□□□□□ □ □□□, □□□□□□□ □□□□□□□□ □□□□□□□□□□□□□□□ □□□□□□□□ (ADHD) □□ □□□□□□□□□□□	□□ □□□□□□□ □□□□□□□□ □□□:□□□□□□□□□□ □□□□□ □□□□□□□□ □□□□□□□□□, □□□□□□□□□□□ □□□□□ □□□□□□□□□□□□□□□□□□□ □□□□□□□ □□□□□□□□□ □□□□□□□□□ □□□ □□□□□□ □□□□□□□□ □□□□□□□□□□ □□□□□□□□ □□□□□□□ □□ □□□□□□□ □□□□□□□□□□ □□□-□□□□□□□ □□□□□, □□ □□□□□□□□ □□—□□ □□□□□□□□□ □□
□□□□□□ □□□□□ (□□□ □-□□)	□□□□□□□□□ □□, □□□□□□□□□ □□, □□□□□□□□□ □□, □□□□□□□□□ □□□	NAC, □□□□□□□□□, 5-MTHF, □□□□□□□□□□□□□, 5-HTP, □□□□□□□ □□□□□ □□□□□□, □□□□□□□□□ □□□□□ □□□□□ □□□□□□□□□□□□□□□	NAC □□□□□□ □□□□□ □□□□□□□□□ □□□□□□ □□□□□ □□□□□□□□□□□□□ □□□□□□ □□□□□ □□□□□□□ □□□□□□□□□□ □□□□□□ □□□□□□□ □□ □□□□□□□ □□□□□□□□□□□□□□□ □□□□□□ □□□□□□□ □□ □□□□□□□□□□□□□□ □□□□□□□□□□ □□□□□□□□ □□□□□□ □□□□□□□□□ (□□-□□ BPM, □□□□□ □□□□□□) □□□□□□ □□□□□□□□ □□□□□□ □□□□□□□□□ □□ (□□□□□) □□ □□□□□□□□□□□ □□□□ □□□□□□□ □ — □□□□□□□□□ □ □□□□□□□□□□□ □□□□□□□□□□□ □□□□□ □□□□□□ □□□□□ □□□□□□□□□□□□□□□□ □□□□□□□ □□□□□□□□□
□□□□□□□□ □□□□□□□ (□□□□□□□□ □-□)	□□□□□ □□ (□□□□□□), COMT □□□□□□□□□□, DRD2, DAT1, SLC6A4, MTHFR.	COMT □□ □□□□□□□; □□□□□□□□ □□□□□□□□□□□□□ □□□□□□□□□□□□□ □□□□□□□□□; □□□□□□□□□□□ □□□□□□□□; □□□□□□□□□□□ □□□□□□□□□□ □□□□□□□□□□□	COMT Val/Val □□ □□□□□□□ □□□□□□□□□ □□□□□ □□□□□□□□□□□□□ □□□□□□□□ □□□□□□□□□ □□ - □□□□ □□□□□□□□□ □□□□□□□ □□□□□□□□□□□□□□□ □□□□□ □□□□□□□□□ □□□□□□ DRD2 A1 □□□□□□□ □□□□□□□ deficit □□□□□ □□□□□□□□□□□□ □□□□□□□ □□□□□, □□□□□□ □□□□□□□□ □□□□□□ □□□□□□□□ □□□□□□□□□□□□□□□ □□□□□□□□□ □□□□□□□ ADHD □□□□□□□□□□ (DAT1, DRD4) □□□□□ □□-□□□□□□□□□□□ □□□□□□ □□□□□□□□□□□□□□ □□□□□□□ □□□□□ □□□□□□□, □□□□□□ □□□□□ □□□□□□ □□□□□□□□□
□□□□□□□□□□□□ □□□□□□□□□□□□□ (□□□□□□ □-□□)	□□□□□□□□□ □□ (□□□□□□□), □□□□□□□□□ □□ (□□□□□□□), □□ □□□□□□□ □□□□□ □□	□□□□□ □□□□□□□□□□ □□□□□□ □□□□□□□□; □□□□□□□□□□□□□ □□□□□□□; □□□□□□□□□ □□□□□□□; □□□□□□□□ □□□□□□□□ □□□□□□□	□□□□□□□ □□□□□□□□□□□□□□□□□□□ □□□□□ □□□□ □ □□□□□□□ □□□□ □□□□ □□□□□□□□□ □□□□□□ □□□□□□□□□ □□□□□□□□□□ □□□□ □□□□□ □□□□□□□□□ □□□□□□□□□□ □□□□□□□□□ □□□□□□□□□□□ □□□□□ □□□□□□□ □□□□□□□ □□□□□□□□□□□ - □□ □□□□□□□□□□□

			[illegible] [illegible] [illegible] [illegible]? [illegible] [illegible] [illegible] [illegible]? [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]? [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] (1 [illegible])	[illegible] [illegible], [illegible] [illegible], [illegible] [illegible], [illegible]	[illegible] [illegible] [illegible]; [illegible] [illegible]; [illegible] [illegible]; [illegible] [illegible]	[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] 05 ([illegible] [illegible]: [illegible]) [illegible], [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

			[illegible] [illegible] [illegible]

□□□□ □ - □□□□□□□□ □□□□□ □□□

□□□□□□□□, benzodiazepines, □ □□□□□□□□□ □□□□□□, □□□□□□□ □□□□□□ □□□□□□□ □□□□ □□□□□ □□□□□ FDA-□□□□□□□□ □□□□ □□□□ □□□□ □□ □□□□ □□□□□□□□ □□□□□ □□□□ □□— □□□□□□□ □□□□□□ □□□□□□□ □□□□□□□□□□□□ □□□□□□□ □ □□□□□□ □□□□□□ □□□ □□□□□□ □□□□□□□□□□, □ □□□□□□□□□□ □□□□□ □□□□□□□ □□□□ □□□□ addiction medicine □□ □□□□□□□□ □□□□ □□□□□□□□□□ □□□□□ □□ □□□

□□ □ □□□:

□□□□□ □□□□□□ □□□□□□□ □□□□ □□□□□□ □□□□ □□□□□□□:

*** □□□□□□ □□□□□□ (Recovery Kernel)**
*** □□□□□□□□ (Naloxone)**
*** COMT**
*** DRD2**
*** MTHFR**
*** □□□□□□□□□□□ (Blueprint)**
*** findahelpline.com**

□□□	□□□□ □ □□□□□□□□□□	□□□□□□□ □ □□□□□□□□ □□□□□□□□□
□□□□□□□□□□ (□□□□□□□□□□□□□)	□□□□□□□□ □ □□□□□□□□□□□□□□□□ □□□: □□□□□□ □□□□□□; □□□□□□□ □□□□□ □□ □□□□□ □□ □□□□□□ □□□□□□; □□□□□ □□□□□□□□ □□□□□□□□□□ □□□□□□□□□ □□ □□□□□ □□ □□□□□□□□□ □□□□□□□	CYP2B6 □□□□□□ □□□□□□ □□□□□□—□□□□ □□□□□□ □□□□□□□□□□ □□□□□□□ □□□□□□□ □□□□□□□□□□ □□□□ □□□□ □□□□ □□□□□ □□□□□□□ Val/Val COMT □□□□ □□□□□□□□□□□□□□ □□□□□□□□□□□□ □□□□□□□□ □□□□□□□□□□□□□ □□□□□□□□ □□□□□□ □□□□ □□□□□□□ □□□□□ □□ □□□□ □□□□□ □□□ □□□□□ □□□□ □□□□□□□ □□□□□ □: □□ □□□□□□ □ □□□□□□□ □□□□□ □□□□□ □ □□□□ "□□□□□□□" □□□□ □□□□□□□ □□□□ □□□□ □□□□□□□□□□□□ □□□□□□□□□□□ □□□□□□ □□□□□□ □□□ ADHD □□□ □ □□□, □□□□ □□□□□□ □□□□□ □□□□ □□□□□
□□□□□□□□□ / □□□□□□□□□□□□□	DAT □ NET □□ □□□□□□ □□□□□□ □□□□□□ □□□□□□ □□□□; □□□□□□□ □□□□□ □ □□□□□□□□ □□□□□□□□ □□□□□ □□□□□□□□□□□□□ □□□□□□□□□□□□□ □□□□ □□□□□□□	□□□□□□□□□□ □□□□□ (□□□□□□□□□□□□ □□□□□□ □□□) □□ □□□□□□ □□□□□ □□□□□ □□□□□ □ □□□□□ □□□□□□□□□□□□ □□□□□□ □□□□, □□□□ □□□□ □□ □□□□□□ □□□□□□□□ □□ □□□□□□ □□ □□□□□ □□□□□ □□□□□□□□ □□□□□□□□ □□□□□□□□ □□□□□ □□□□ □□□□□□□□□□□□□ □□□□□□ □ □□□□□□ □□□□ □□□□□□ □□ CYP3A4 □□□□□□ □□□□□□□□□□□□□ □□□□□□ □□□□□ □□□□□ □□□□□□□ □□□□□□□□ □□□□□□□□□□□ □□□□□□□ □□□□□□□□□□□
□□□□□□□□□□□□□□□	□□□□□□ □□□□□□□□	OPRM1 A118G □□□□□□□□□□□□□□ □□□□□□□

	[illegible]— [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]; [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]	[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[redacted]

[redacted] – [redacted]

[redacted]

[redacted]

[redacted]